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What is Claimed is:

1. A method executed in a computer system of verifying generated commands comprising:
 - determining a subset of actual commands generated by a first system; and
 - determining, using data tables used by a second system in command generation, if said

5 second system is capable of generating one or more commands equivalent to a first command included in said subset.

 2. The method of Claim 1, wherein the actual commands are successfully executed commands.

 3. The method of Claim 1, wherein the first system is an existing system and the second system is a new system generating commands equivalent to commands generated by the first system.

 4. The method of Claim 1, wherein said generated commands are switch commands, and the method further including:
 - recording said subset of actual commands in a log file;
 - sorting said subset of actual commands by switch type prior to determining if said second

5 system is capable of generating one or more commands equivalent to a first command included

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in said subset, said subset of actual commands including one or more commands associated with a particular hardware switch type; and

executing an analysis program for each switch type that performs said determining if said second system is capable of generating one or more commands equivalent to a first command included in said subset for said each switch type.

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5. The method of Claim 4, further including:

determining a list of switch identifiers, each of said switch identifiers uniquely identifying a physical switch included in a network; and

inputting portions of said data tables into hash tables, said portions being determined in

5 accordance with said list of switch identifiers.

6. The method of Claim 5, further including, for each actual command included in said subset:

using said hash tables to identify parameters associated with said each actual command;

replacing said parameters identified with a character representing identification as being

5 included in one of said hash tables; and

determining that said second system is capable of generating said each actual command by examining said each actual command and determining that each of said parameters have been 20 identified as being included in one of said hash tables.

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7. The method of Claim 6, wherein said character is one of a null character, a comma, or a blank character.

8. The method of Claim 1, further including:

producing analysis results, said analysis results including summary information for each switch identifier and identifying parameters of commands that have not been identified as being included in one of said hash tables.

9. The method of Claim 1, wherein said data tables are stored in a database used by said second system, and said data tables include command parameters and programs used to generate commands.

10. A system for verifying generated commands used in a computer system comprising:
means for determining a subset of actual commands generated by a first system; and
means for determining, using data tables used by a second system in command generation, if said second system is capable of generating one or more commands equivalent to a
first command included in said subset.

11. The system of Claim 10, wherein the actual commands are successfully executed commands.

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12. The system of Claim 10, wherein the first system is an existing system and the second system is a new system generating commands equivalent to commands generated by the first system.

13. The system of Claim 10, wherein said generated commands are switch commands, and the system further including:

means for recording said subset of actual commands in a log file;

means for sorting said subset of actual commands by switch type prior to determining if 5 said second system is capable of generating one or more commands equivalent to a first command included in said subset, said subset of actual commands including one or more commands associated with a particular hardware switch type; and

means for executing an analysis program for each switch type that includes said means for determining if said second system is capable of generating one or more commands 10 equivalent to a first command included in said subset for said each switch type.

14. The system of Claim 13, further including:

means for determining a list of switch identifiers, each of said switch identifiers uniquely identifying a physical switch included in a network; and

means for inputting portions of said data tables into hash tables, said portions being 5 determined in accordance with said list of switch identifiers.

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15. The system of Claim 14, further including, for each actual command included in said subset:

means for using said hash tables to identify parameters associated with said each actual command;

5 means for replacing said parameters identified with a character representing identification as being included in one of said hash tables; and

means for determining that said second system is capable of generating said each actual command by examining said each actual command and determining that each of said parameters have been identified as being included in one of said hash tables.

16. The system of Claim 15, wherein said character is one of a null character, a comma, or a blank character.

17. The system of Claim 10, further including:

means for producing analysis results, said analysis results including summary information for each switch identifier and identifying parameters of commands that have not been identified as being included in one of said hash tables.

18. The system of Claim 10, wherein said data tables are stored in a database used by said second system, and said data tables include command parameters and programs used to generate commands.

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19. A system for verifying commands comprising:

machine executable instructions for determining a subset of actual commands generated by a first system; and

machine executable instructions for determining, using data tables used by a second

5 system in command generation, if said second system is capable of generating one or more commands equivalent to a first command included in said subset.

20. The system of Claim 19, wherein the actual commands are successfully executed

commands.

21. The system of Claim 19, wherein the first system is an existing system and the second system is a new system generating commands equivalent to commands generated by the first system.

22. The system of Claim 19, wherein said generated commands are switch commands, and the system further including:

machine executable instructions for recording said subset of actual commands in a log file;

5 machine executable instructions for sorting said subset of actual commands by switch type prior to determining if said second system is capable of generating one or more commands

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equivalent to a first command included in said subset, said subset of actual commands including one or more commands associated with a particular hardware switch type; and

machine executable instructions for executing an analysis program for each switch type

- 10 that performs said determining if said second system is capable of generating one or more commands equivalent to a first command included in said subset for said each switch type.

23. The system of Claim 22, further including:

machine executable instructions for determining a list of switch identifiers, each of said switch identifiers uniquely identifying a physical switch included in a network; and

machine executable instructions for inputting portions of said data tables into hash tables,

- 5 said portions being determined in accordance with said list of switch identifiers.

24. The system of Claim 23, further including, for each actual command included in said subset:

machine executable instructions for using said hash tables to identify parameters associated with said each actual command;

- 5 machine executable instructions for replacing said parameters identified with a character representing identification as being included in one of said hash tables; and

machine executable instructions for determining that said second system is capable of generating said each actual command by examining said each actual command and determining that each of said parameters have been identified as being included in one of said hash tables.

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25. The system of Claim 24, wherein said character is one of a null character, a comma, or a blank character.

26. The system of Claim 19, further including:

machine executable instructions for producing analysis results, said analysis results including summary information for each switch identifier and identifying parameters of commands that have not been identified as being included in one of said hash tables.

27. The system of Claim 19, wherein said data tables are stored in a database used by said second system, and said data tables include command parameters and programs used to generate commands.

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